

# Micro filter MS6N-LFM-1/4-AUV

Part number: 531878

FESTO



 General operating condition

## Data sheet

Feature	Value
Series	MS
Size	6
Structural design	Fiber filter
Grade of filtration	0.01 µm
Condensate drain	Manual, non-detenting
Symbol	00991520
Operating pressure	0.2 MPa ... 1.2 MPa
Operating pressure	2 bar ... 12 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [6:::4] Inert gases
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [3:::2]
Max. standard flow rate for air quality class	900 l/min
Min. standard flow rate for air quality class	135 l/min
Filter efficiency	99.9999 %
Max. condensate volume	38 ml
Bowl guard	Integrated as metal bowl
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
For use in the food industry	See supplementary material information
Temperature of medium	-10 °C ... 60 °C
Ambient temperature	-10 °C ... 60 °C
Storage temperature	-10 °C ... 60 °C
Filter efficiency, fine particles	99.995 %
MPPS	0.05 µm
MPPS filter efficiency	99.95 %
Residual oil content	0.01 mg/m <sup>3</sup>
Filter efficiency, oil aerosol	99 %
Type of mounting	With accessories
Mounting position	Vertical ±5°
Pneumatic connection 1	1/4 NPT
Pneumatic connection 2	1/4 NPT
Housing material	Die-cast aluminum
Compressed air filter material	Borosilicate glass fiber
Material of bowl	Wrought aluminum alloy

<b>Feature</b>	<b>Value</b>
Seals material	NBR
Note on materials	RoHS compliant
Product weight	820 g